

FIG. 1A

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FIG. 1 B

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	10	20	30	40	50	60	
hTTP	MDL	IAIYESLLS	SPDVPVPSDHGGTESSPG	-----	WGSSGPWSLS	-----PSD	
hsERF1(11B)	MTT	LVSAITFDLS	EVLCRGNKMLNYSAPSAGGCL	LDRKAVGTPAGGG	-----	FPRR	
hsERF2(11D)	MST	TLISA	---FYDVF	LCKTEKSLANLNLNN	---MLDK	KAVGTPVAAAPSSGFAPGFLRR	
	70	80	90	100	110	120	
hTTP	SSPSGVT	SRLPGR	-----S-TSLVEGR	-----	-----	SCGWVPP	
hsERF1(11B)	HSVTLP	SKFHQN	-----QLLSSLKG	-----	EP	-----APALSSR	
hsERF2(11D)	HSASNL	HALAHAPSPGSCSPKFGAANG	SSCGSAAAGGPTS	YGTLKE	PSGGGGT	ALLNK	
	130	140	150	160	170	180	
hTTP	PP	-----GHAPLAPRLGPELSPSPTSPTAT	--STTP	SRKYTELGRIT	SESGRCRYGAKCO		
hsERF1(11B)	DSRI	RDRSFSEGGER	---LLPTQKQ	-PGGG	--QVNSSRYKTELCRPFEEN	ACKYGDKCO	
hsERF2(11D)	ENK	RDRSFSENGDRSQHL	HLQ	QQQKEGGGSQ	INSTRYKTELCRPFEESGTCKYGEKCO		
	190	200	210	220	230	240	
hTTP	FAHGLGEL	RQANRHPKYKTELCHKF	YLOGRC	PGYGSRCHE	IHNPSH	-----DLAA	
hsERF1(11B)	FAHGI	HELRLSLIRHPKYKTELCRIFHTIGFC	PGYGRCHF	IHNAEERR	ALAG	---ARDLSA	
hsERF2(11D)	FAHGF	HELRLSLIRHPKYKTELCRIFHTIGFC	PGYGRCHF	IHNADERRP	APSGGASGDLRA		
	250	260	270	280	290	300	
hTTP	PG	-----HPPVLR	OSISFSGLP	SGRRTSPPPP	GLAGPSLSSSSFS	SPSSPPPP	
hsERF1(11B)	D	-----RPRLQHSF	SHAGF	PSAAAT	-----AAATGL	LDS---PISITPPP	
hsERF2(11D)	FG	TRDALHLGFPREPRPKL	HSL	SFSGFP	SGHHQPPG	---GLSP	LDS---PISRTPPP
	310	320	330	340	350	360	
hTTP	G	-----DLPL	SPSAFSA	APGTP	LAR	-----	
hsERF1(11B)	-----	IL	SADDLLGSP	TLPG	-----	-----	
hsERF2(11D)	PSCSSASS	SCSSAS	AS	IPSG	ITCCASAAAALRLL	YGTGGAEDLLAPGAPCAA	
	370	380	390	400	410	420	
hTTP	-----	RDPTPVCC	PSRRATP	-----	-----	-----	
hsERF1(11B)	-----	NNPFA	SSQELAS	IFA	-----	-----	
hsERF2(11D)	CSSASC	NNAF	AFG	PELSS	ITPLAIQTHNFAAVAAAAYYRS	QQQQQQQLAPPAQPPA	
	430	440	450	460	470	480	
hTTP	-ISVWG	PLGG	-----	LVRTPSVQSLGSDP	---	DEYASSGSLGGSDSPVFEA	
hsERF1(11B)	-PSMGL	PGGG	---	SP	---TTFLFRPMSESPHMF	DSPPSPQDLSQEGYLS	
hsERF2(11D)	PPSAT	LPA	AAAAPPSP	PFSFQLPRRLSDSP	-VFUAPPSP	PDLSLSDRDSYLSGSLSSGSL	
	490	500					
hTTP	G	VFA	PPQPVAAAPRLPIFNRI	SVE	SEQ. ID NO: 1		
hsERF1(11B)	GSDSP	---	LDNSRRLPIFSRL	STSDU	SEQ. ID NO: 2		
hsERF2(11D)	GSESPS	---	LUPGRRLPIFSRL	STSDU	SEQ. ID NO: 3		

FIG. 2

SUBSTITUTE SHEET (RULE 26)

[illegible]

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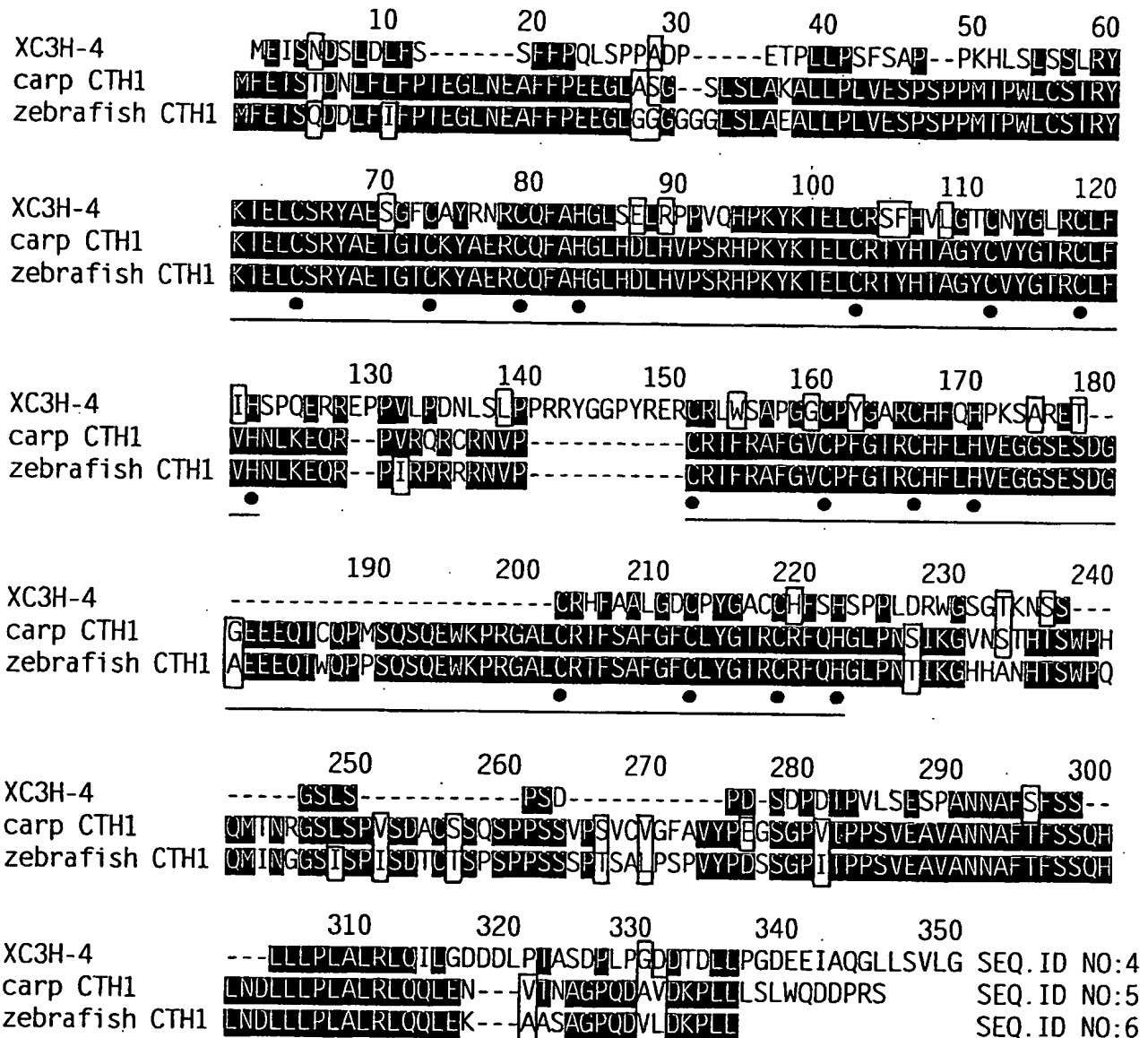


FIG. 4

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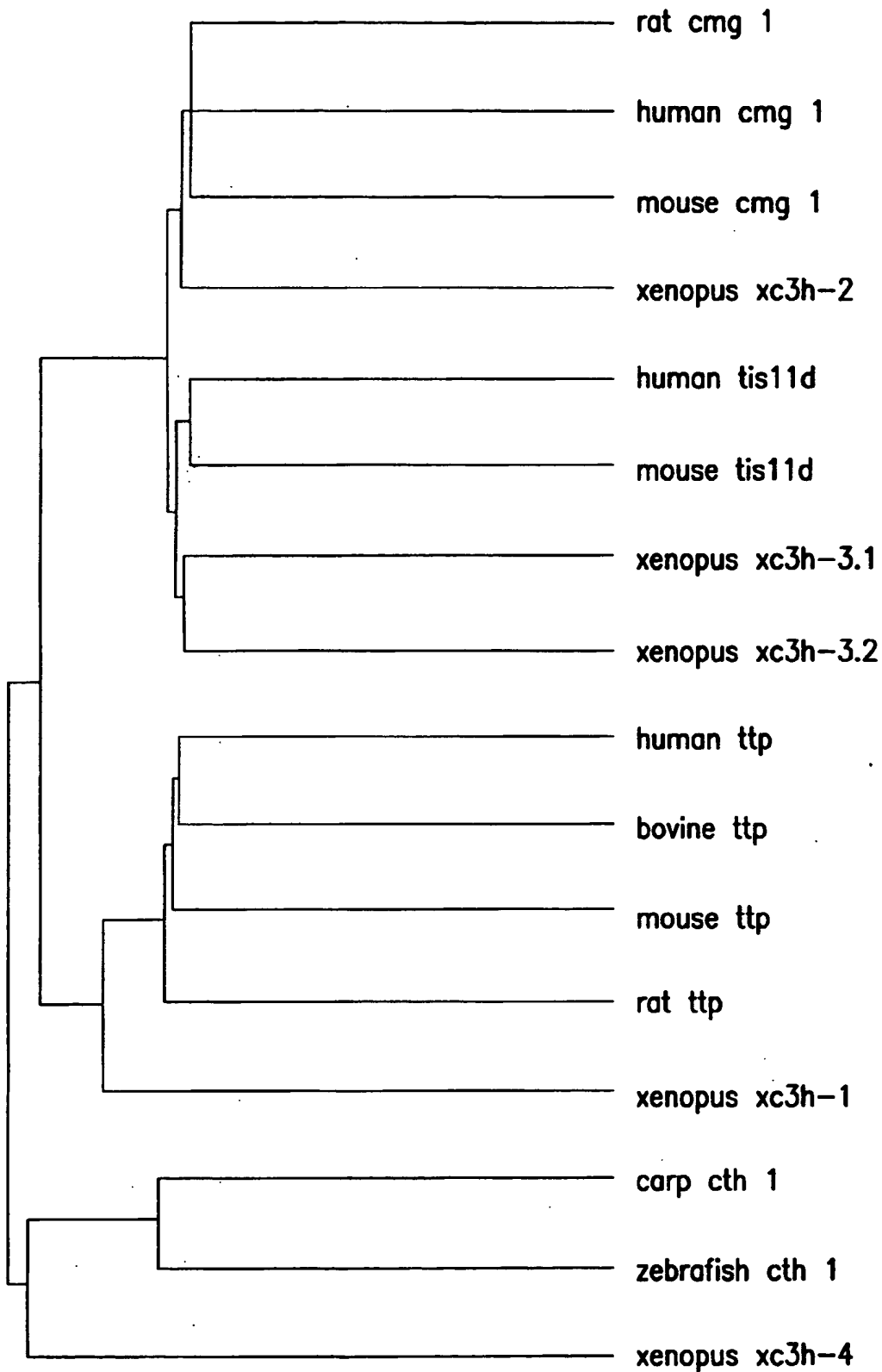


FIG. 5A

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	1		35
rat_cmgl	RYKTELCRPF	EENGACKYGE	KCQFAHGHE LRSLT
human_cmgl	RYKTELCRPF	EENGACKYGE	KCQFAHGHE LRSLT
mouse_cmgl	RYKTELCRPF	EENGACKYGE	KCQFAHGHE LRSLT
xenopus_xc3h-2	RYKTELCRPF	EENGACKYGE	KCQFAHGHE LRSLT
human_tisl1d	RLKTELCRPF	EESGTCKYGE	KCQFAHGFHE LRSLT
mouse_tisl1d	RYKTELCRPF	EESGTCKYGE	KCQFAHGFHE LRSLT
xenopus_xc3h-3.1	RYKTELCRPF	EENGACKYGE	KCQFAHGFHE LRSLT
xenopus_xc3h-3.2	RYKTELCRPF	EESGACKYGE	KCQFAHGFHE LRSLT
human_ttp	RYKTELCRPF	SESGRCRYGA	KCQFAHGLGE LRQAN
bovine_ttp	RYKTELCRPF	SESGRCRYGA	KCQFAHGLGE LRQAN
mouse_ttp	RYKTELCRPF	SESGRCRYGA	KCQFAHGLGE LRQAN
rat_ttp	RYKTELCRPF	SESGRCRYGA	KCQFAHGPGE LRQAN
xenopus_xc3h-1	RYKTELCRPF	SESGTCKYGA	KCQFAHGKIE LREP
carp_cthl	RYKTELCRPF	AETGTCKYAE	RCQFAHGLHE LHVP
zebrafish_cthl	RYKTELCRPF	AETGTCKYAE	RCQFAHGLHE LHVP
xenopus_xc3h-4	RYKTELCRPF	AESGFCAYRN	RCQFAHGLSE LRPPV

	36		65
rat_cmgl	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:7
human_cmgl	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:8
mouse_cmgl	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:9
xenopus_xc3h-2	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:10
human_tisl1d	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:11
mouse_tisl1d	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:12
xenopus_xc3h-3.1	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:13
xenopus_xc3h-3.2	RHPKYKTELC	RTFHTIGFCP	YGPRCHF IH ~ SEQ. ID NO:14
human_ttp	RHPKYKTELC	HKIFLQGRCP	YGSRCHF IH ~ SEQ. ID NO:15
bovine_ttp	RHPKYKTELC	HKIFLQGRCP	YGSRCHF IH ~ SEQ. ID NO:16
mouse_ttp	RHPKYKTELC	HKIFLQGRCP	YGSRCHF IH ~ SEQ. ID NO:17
rat_ttp	RHPKYKTELC	HKIFLQGRCP	YGSRCHF IH ~ SEQ. ID NO:18
xenopus_xc3h-1	RHPKYKTELC	HKIFLYGEC	YGSRCHF IH ~ SEQ. ID NO:19
carp_cthl	RHPKYKTELC	RTFHTIGFCV	YGTICLFIH ~ SEQ. ID NO:20
zebrafish_cthl	RHPKYKTELC	RTFHTIGFCV	YVTRCLFIH ~ SEQ. ID NO:21
xenopus_xc3h-4	RHPKYKTELC	RSFHVIGTON	YGLRCLFIH ~ SEQ. ID NO:22

FIG.5B